

**SYSTEM PERFORMANCE DATA**

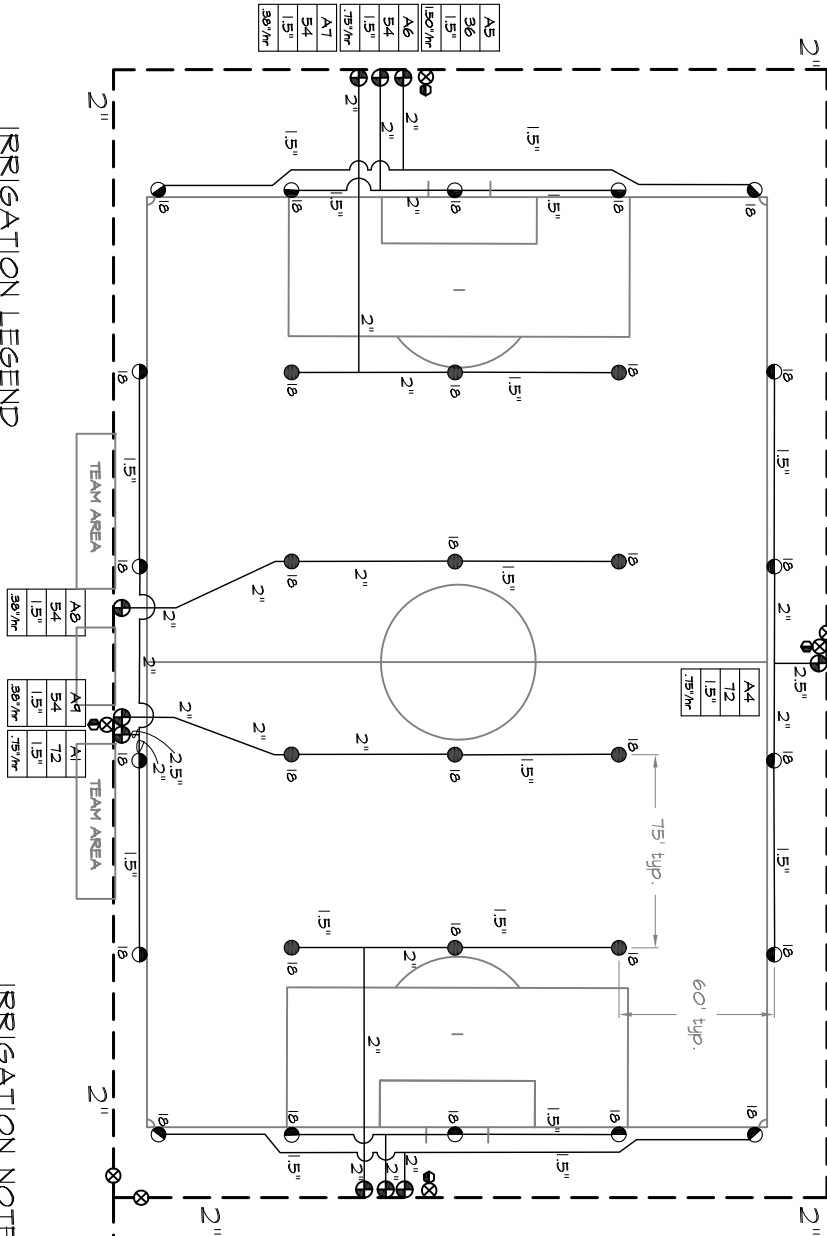
ZONE	SIZE	FLOW	PR	DWG	SC (100' MINIMUM)
A1	1.5"	72	.82	1.3	
A2	1.5"	54	.75	.82	1.3
A3	1.5"	36	1.50'	.82	1.3
A4	1.5"	72	.75	.82	1.3
A5	1.5"	36	1.50'	.82	1.3
A6	1.5"	54	.75	.82	1.3
A7	1.5"	54	.30	.82	1.3
A8	1.5"	54	.30	.82	1.3
A9	1.5"	54	.30	.82	1.3
A10	1.5"	54	.30	.82	1.3

**VALVE ID GUIDE**

A1	STATION NUMBER
35	6PM
1.5"	VALVE SIZE
50"/hr	PRECIPITATION RATE

A3	36	1.5"
36	1.5"	1.5"/hr
A2	54	1.5"
54	1.5"	1.5"/hr
A10	54	1.5"
54	1.5"	1.5"/hr

A5	36	1.5"
36	1.5"	1.5"/hr
A6	54	1.5"
54	1.5"	1.5"/hr
A7	54	1.5"
54	1.5"	1.5"/hr



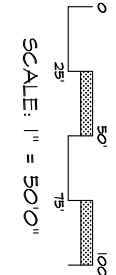
### IRRIGATION LEGEND

- PRODUCT DESCRIPTION**
- HUNTER I-35-55-XX FULL CIRCLE NOZZLE AS SHOWN
  - HUNTER I-35-55-XX PART CIRCLE NOZZLE AS SHOWN
- NOZZLE PERFORMANCE:**  
#8 @ 80 PSI - 18.2 GPM 63' RADIUS
- ⊕ HUNTER ICV/IBV ELECTRIC CONTROL VALVE SIZE AS SHOWN
  - ⊖ HUNTER HQ-44-XX-AM QUICK COUPLER VALVE (OPTIONAL)
  - ⊙ HUNTER ACC-1200 SOLID STATE METAL CABINET CONTROLLER
  - ⊚ HUNTER MRFC WIRELESS RAIN FREEZE SENSOR
  - ⊛ WATER METER MINIMUM SIZE @ 72 GPM IS 2.0"
  - ⊜ BACKFLOW PREVENTER SIZED TO SYSTEM GPM
  - ⊝ LATERAL PIPE
  - ⊞ MAINLINE PIPE
  - ⊟ ISOLATION VALVE LINE SIZED
  - ⊠ SLEEVING
  - ⊡ HUNTER FLOW SENSOR IN LINE SIZED FLOW CLIK TEE "FCT"

### IRRIGATION NOTES

1. SPRINKLER LOCATIONS ARE TO SCALE
2. PIPE LOCATIONS ARE DIAGRAMATIC
3. ALL SPRINKLERS TO BE INSTALLED ON 1" SCH 80 SWING JOINTS
4. ALL COMPONENTS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS
5. MAINLINE DEPTH TO BE NO LESS THAN 18"
6. LATERAL DEPTH TO BE NO LESS THAN 16"
7. ELECTRIC CONTROL VALVES TO BE COVERED WITH 12" VALVE BOX
8. LOCATE VALVES/GCVS OUT OF HIGH TRAFFIC AREAS
9. WIRE SPLICE CONNECTIONS TO BE WATERPROOF
10. GCV TO BE LOCATED IN 10" VALVE BOX
11. ALL SLEEVES TO BE 2X PIPE RUN THROUGH THEM
12. INSTALL ALL COMPONENTS AS PER LOCAL STATE, FEDERAL CODES
13. REFER TO HUNTER INSTALLATION DETAILS
14. REFER TO HUNTER CATALOG FOR PERFORMANCE SPECIFICATIONS
15. ADD HUNTER "F5" FOR DIRTY WATER VALVE
16. ADD HUNTER "A5" FOR PRESSURE REGULATED VALVE

WATER REQUIREMENT AT  
-FIELD ELEVATION  
-MINIMUM 100' OF FIELD  
-DOWNSTREAM OF  
BACKFLOW IS 72 GPM  
@ 40 PSI



Hunter Industries offers this plan as a general guide for estimating purposes and offers no indemnity, expressed or implied, for projects installed from this plan. Because of the many variables of every system and site, every site we recommend that a qualified irrigation designer be consulted.